Original/Duplicate/Triplicate

1st & FINAL BILL

CONTRACT CERTIFICATE

(For Other Works)

No. 1st

Date :

Division DD

Sub-Division

Bill Received No. ..... Dated .....

Cash Book Voucher No ..... Dated .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) **IMPROVEMENTS TO ROADS AND DRAINS AT 4TH & 5TH CROSS MANJUNATHA NAGARA IN WARD NO. 14 BAGALAGUNTE**

Name of Contractor and Full Address **TECHNICAL MANGER (WEST), KRIDL**

Reference to Agreement No. **EE/DD/WO/ 86 / 2017-18** Date: **20.11.2017**

Certified that the measurements were taken by me on 19/2/2018 and recorded in pages 60808 to 60814 of measurements Book No. 60813 - 15 and that the work is satisfactorily executed

Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Officer - In - charge of work

Certified that the measurements were checked by me on 19/3/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub - Division Officer

If Memorandum of Payment **JOB NO : 014-18-000048**

		AMOUNT
1.	Total value of work done or supplies made as per account.	--
2.	Deduct amount to be held in reserve being ..... percent Rs.	--
3.	- do - Balance	--
4.	Deduct Payments :	
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No..... Amount adjusted towards cash advance recovery of	
	b) Payments cost store or other materials supplied.	
5.	Balance being unpaid value of work done held in reserve Total	--
6.	Deduct cash advance made on the office Cash Book Vehicle No..... dated ..... less adjustments	
7.	Net amount due to or from contractor	
	Unadjusted items	
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.	
	Total amount adjusted	--

Contractor Signature

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Received Rs. ..... (in words)

.....

Audited and admitted for Rs. ..... by cash and by adjustment of

Payment as per memorandum.

(In final settlement of all demand)

Passed by Cheque for Rs. .....

Witness :

1. .....

2. .....

Stamp

Signature of Contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISION
BENGALURU-560 010

Date

By adjustment for Rs. .....

Paid by me by cheque No. ..... Dated .....

Cash Rs. ..... Dated .....

Accounts Superintendent

Executive Engineer

B.B.M.P. Dasarahalli Division

Initials of Officer making payment dated .....

(For use in the Office)

Executive Engineer

	Items of work (grouped under sub-heads the sub works of the estimate)
1	Excavation for road, drains and similar works KSRRB 300-1 : Earthwork excavation by manual means in ordinary average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides ne disposed earth to be levelled neatly after breaking of clods complete as per specifications
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 m graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of complete as per specifications
3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour c
4	Design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates fine aggregates @ 0.46 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008 i) upto 5m he
5	Supplying, fitting and placing un-coated TMT bar Reinforcement in foundation as per Drawing ant Technical Specifi as per specifications. MORTH Specification No.1600 TMT bars Fe 500
6	Supplying and fixing Precast rainforced concee slab 10cm tick including cost of reinforecment as per drawing and cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance chargrs labour cha
7	Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with mortor gra surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the complete as per specifications. for coarse graded granular sub-base material as per 400-2. For Grading I Material.
8	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification includi Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform lay sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density specification
9	Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM, clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using meachanical means complete as per sp
10	Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, machineries complete as per specifications.
11	Providing and laying bituminous concrete with hot mix plant, using crushed aggregates of specified grading, bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required g alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MOR clause No.500.9 complete in all respects complete as per specifications. MORTH Specification No.509. using 100/12 HMP with sensor paver Gr-II (30 to 45mm) with 6% VG-30 Bitumen
12	Disposal of debristo the final place of desposal with all lead an lift and as direction by the engineer in charges of 15kms a) Basic rate for haulage of matrials as per item no.17.4/ KSRRB:- M100-4.1 ... Rs 2.00 tonne/ km b) Averag 1.28 tonne/km for Rs.2.00/km c) add loading and unloading
	KRIDL C

CERTIFICATE:

1 Work done is satisfactory

2 There are no departmental issuesmade to the contractor

3 The contractor has cleared all debrice from work spot

	Unit	Previous Measurement		Present Measurement			Total Up-to-date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
involving an dressed, the	Cum			1168.95	86.92	101605.00	1168.95	101605.00	
d down size in layers not hinery curing	Cum			48.15	5159.02	248407.00	48.15	248407.00	
h as walls at plete as per	Sqm			1155.60	310.58	358906.00	1155.60	358906.00	
0.69cum and	Cum			120.37 120.26	6965.26	838408.00 838239.60	120.37 120.36	838408.00 838239.60	
ons complete	Tonne			8.75	66482.14	581719.00	8.75	581719.00	
nal machine s inclusive of	Sqm			240.75	1698.00	408794.00	240.75	408794.00	
on prepared ired density,	Cum			216.00	1518.98	328100.00	216.00	328100.00	
premixing the with paver in plete as per	Cum			432.00	1768.08	763811.00	432.00	763811.00	
M including fications	Sqm			2160.00	27.56	59530.00	2160.00	59530.00	
per 10 sqm ur, HOM of	Sqm			2160.00	11.66	25186.00	2160.00	25186.00	
mixed with e, level and specification PH capacity	Cum			97.20	7083.98	688563.00	97.20	688563.00	
work. Lead rth of work	Cum			1168.95	85.65	100121.00	1168.95	100121.00	
Sub Total					4503081.60	**4503150.00**	4503081.60	**4503150.00**	
ges @ 11%					495339.40	**495347.00**	495339.40	**495347.00**	
Total					4998420.40	**4998497.00**	4998420.40	**4998497.00**	

Sudarsan
09/3/17